

# *PORTABLE PRESS SYSTEM FOR REPAIRING AUTOMOTIVE BUMPERS*

## **Abstract**

A system for pushing or punching out deformations in automotive bumpers while removed from the vehicle body. The system consists of a support frame, a top rail on a support frame, a hydraulic press that may be suspended at any point along the top rail of a support frame, a mounting surface and a tool head assembly for attaching to the hydraulic press. The system provides a press assembly that is portable and allows quick and easy repair of a bumper. The system provides the user with increased flexibility to modify the position and alignment of the tool assembly for positioning at the center of the deformation and thereby increasing the accuracy with which a user may restore the original shape of the bumper.